ABSTRACT OF THE DISCLOSURE

An image synthesizing apparatus according to the present invention comprises coefficient setting means for setting a blending coefficient α ($0 \leqq \alpha \leqq 1$) at a specified value when a value of a specific picture element component included in picture element components A of a first image is a predetermined value; and arithmetic means for performing an operation on the picture element components A, picture element components B of a second image, and the blending coefficient α as follows: A * α + B * (1 - α), and performing the operation on all the picture element components A and the picture element components B of a picture element that has the specific picture element component representing the predetermined value by using the blending coefficient α set by the coefficient setting means.